

Certificate of Analysis



Sample Name: Uchie - Guava Sparkling Kratom Kava Seltzer
Client: Marina Tech
Sample Code: DTS-260202-056
Matrix Name: Beverage
Type / Result: Quality Assurance - Pass



Received Date: Tue, Feb 3, 2026
Published Date: Mon, Feb 9, 2026
Batch/Lot Code: N-1639
Batch Size: N/A
Sample Size: 355mL
Average Unit Weight: 343.4g

RESULT SUMMARY

Total Kavalactones and Kavains	63.55 mg /serv
Total Kavalactones	62.49 mg /serv
Total Flavokavains	1.06 mg /serv
Mitragynine	26.78 mg /serv
Total Major Alkaloids	26.78 mg /serv

KAVAL ✓
Kavalactones & Kavains

ALKU ✓
Kratom Alkaloids
High Level

PH ✓
pH

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Monday, Feb 9, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Monday, Feb 9, 2026

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Lab Information

Address: 1230 Woodmere Ave, Traverse City, MI 49686 **Phone:** 231.252.3669 **Accreditation:** ISO/IEC 17025:2017 – #108157



KAVAL

Kavalactones & KavainsLAB-TM-067 - Determination of Kavalactones & Kavains by LC-DAD
KAVAL-DTS-260202-056-01 - MON, FEB 9, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Kavain	0.0058 %	0.0577 mg/g	19.81 mg	19.81 mg	N/A	0.25 ug/g	1 ug/g	N/A
Dihydrokavain	0.0055 %	0.0546 mg/g	18.75 mg	18.75 mg	N/A	0.25 ug/g	1 ug/g	N/A
Dihydromethysticin	0.0021 %	0.0209 mg/g	7.17 mg	7.17 mg	N/A	0.25 ug/g	1 ug/g	N/A
Yangonin	0.0019 %	0.0192 mg/g	6.58 mg	6.58 mg	N/A	0.25 ug/g	1 ug/g	N/A
Methysticin	0.0016 %	0.0156 mg/g	5.36 mg	5.36 mg	N/A	0.25 ug/g	1 ug/g	N/A
Desmethoxyyangonin	0.0014 %	0.0140 mg/g	4.82 mg	4.82 mg	N/A	0.25 ug/g	1 ug/g	N/A
Flavokavain B	0.0002 %	0.0017 mg/g	0.58 mg	0.58 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Flavokavain A	0.0001 %	0.0014 mg/g	0.47 mg	0.47 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Total Kavalactones and Kavains*	0.0185 %	0.1850 mg/g	63.55 mg	63.55 mg	N/A	N/A	N/A	N/A
Total Kavalactones*	0.0182 %	0.1820 mg/g	62.49 mg	62.49 mg	N/A	N/A	N/A	N/A
Total Flavokavains*	0.0003 %	0.0031 mg/g	1.06 mg	1.06 mg	N/A	N/A	N/A	N/A

*Total Kavalactones and Kavains is calculated as the sum of all quantified kavalactones and kavains.

*Total Kavalactones is calculated as the sum of all quantified kavalactones.

*Total Flavokavains is calculated as the sum of Flavokavain A, Flavokavain B and Flavokavain C.

ALKU

Kratom Alkaloids - High LevelLAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
ALKU-DTS-260202-056-02 - FRI, FEB 6, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	0.0078 %	0.0780 mg/g	26.78 mg	26.78 mg	N/A	0.0048 mg/g	0.0096 mg/g	N/A
Paynantheine	ND	N/A	N/A	N/A	N/A	0.0048 mg/g	0.0096 mg/g	N/A
Speciociliatine	ND	N/A	N/A	N/A	N/A	0.0048 mg/g	0.0096 mg/g	N/A
Speciogyne	ND	N/A	N/A	N/A	N/A	0.0048 mg/g	0.0096 mg/g	N/A
Total Major Alkaloids*	0.0078 %	0.0780 mg/g	26.78 mg	26.78 mg	N/A	N/A	N/A	N/A

*Total Major Alkaloids is calculated as the sum of Mitragynine, Paynantheine, Speciociliatine and Speciogyne.

PH

pHLAB-TM-018 - Determination of pH
PH-DTS-260202-056-01 - WED, FEB 4, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
pH	2.647	N/A	N/A	N/A	N/A

